



Figure 1
[see source]

Figure 2
[see source for figure]

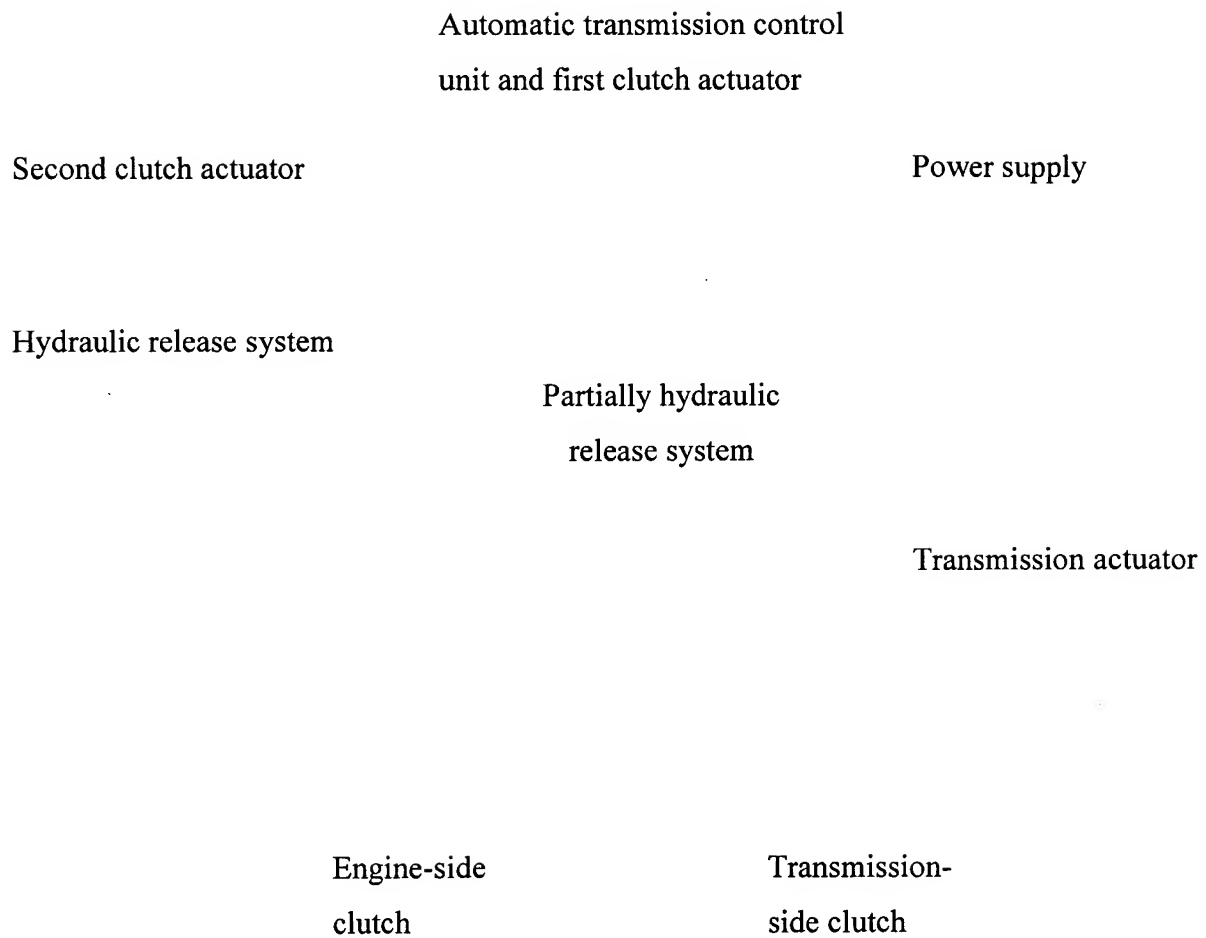
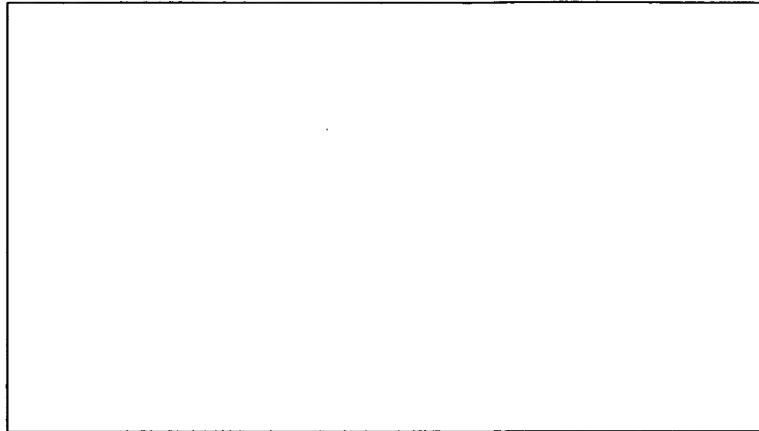


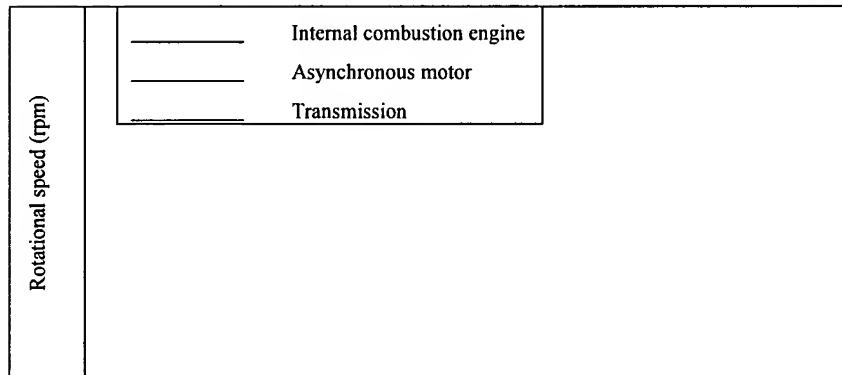
Figure 3
[see source for figure]

Figure 4
[see source for figures]

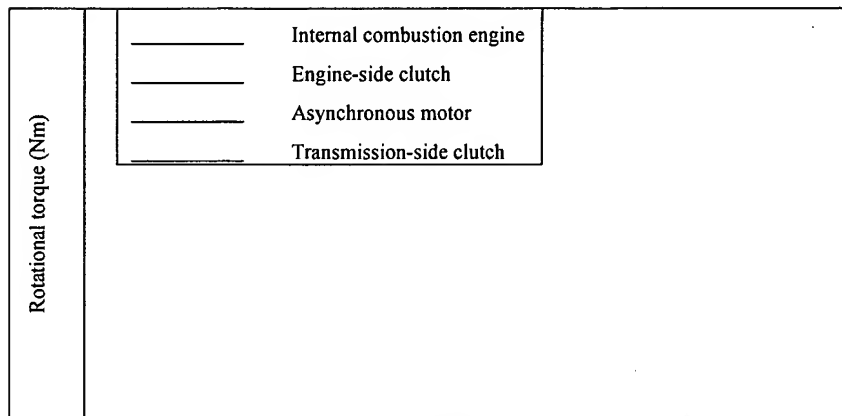
Start-up or opening up: severe jolt



Time (s)



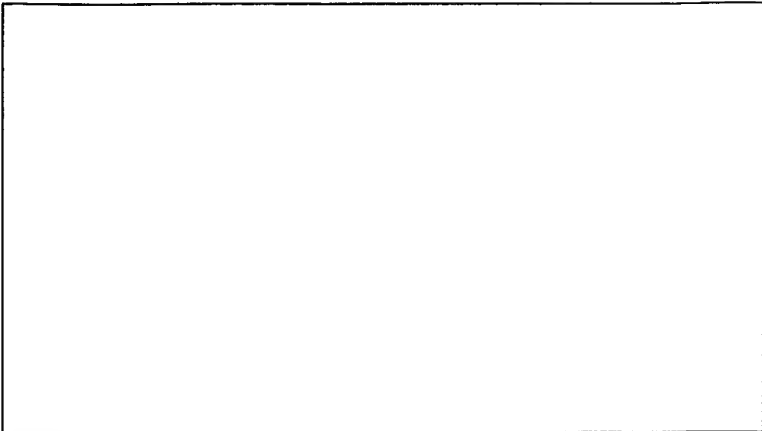
Time (s)



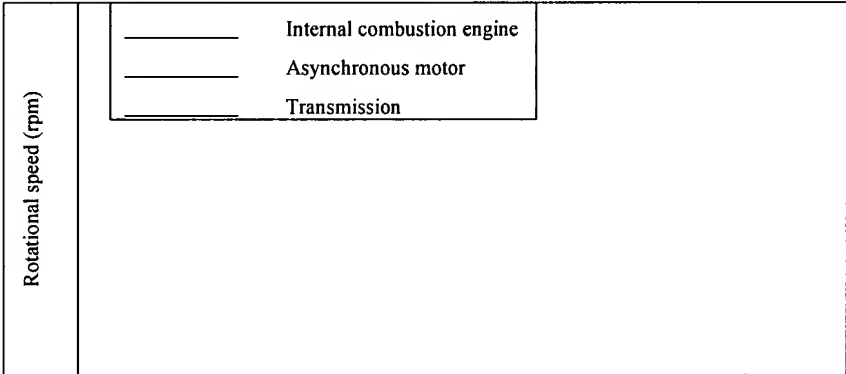
Time (s)

Figure 5
[see source for figures]

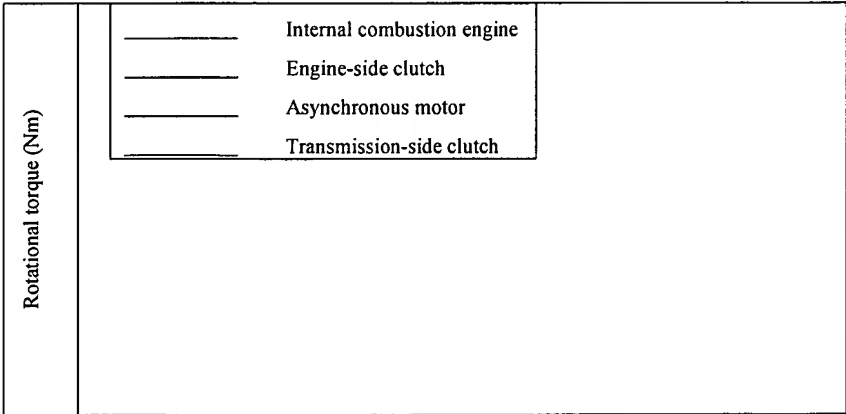
Start-up or opening up: severe jolt



Time (s)



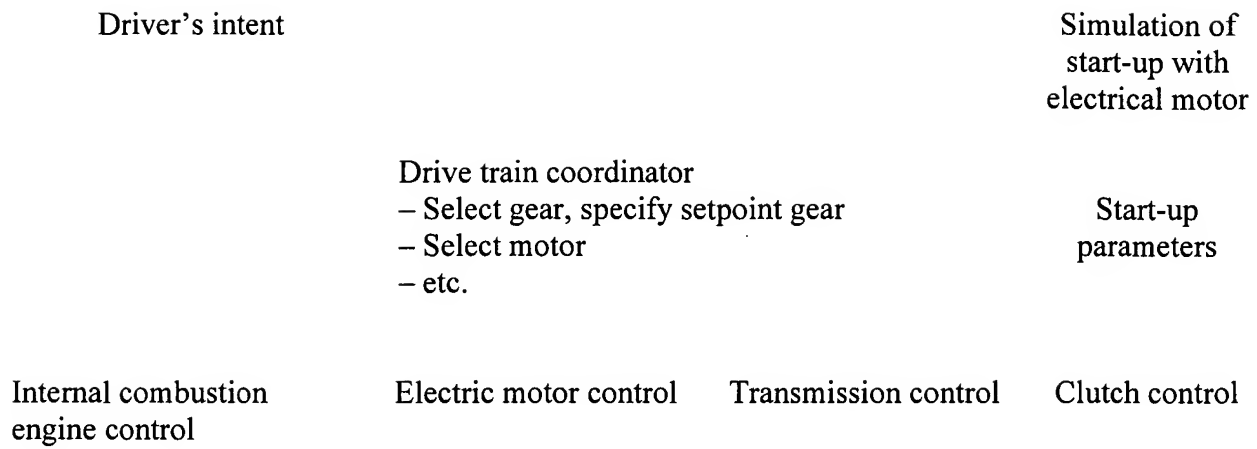
Time (s)



Time (s)

Figure 6

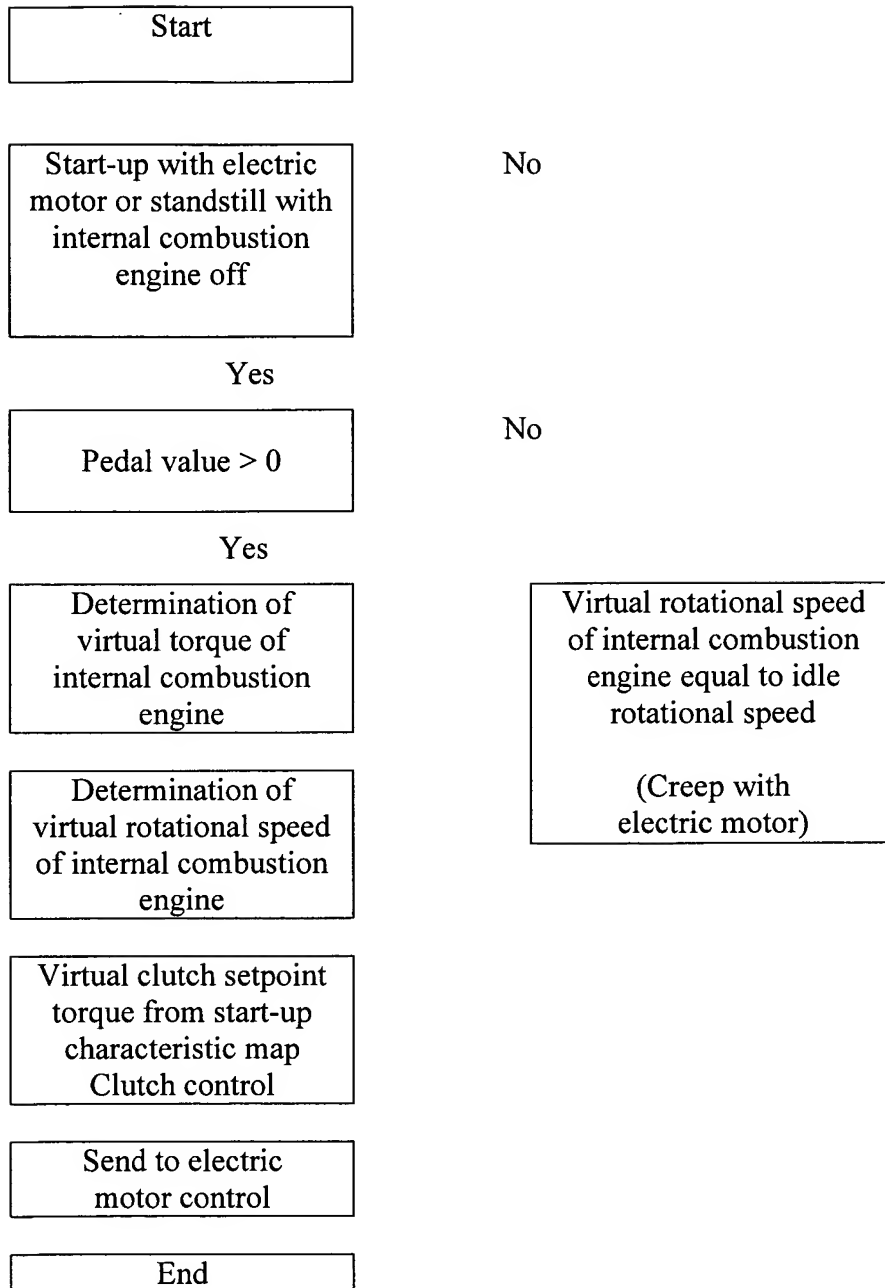
[see source for figure]



Control system subprograms relevant to start-up

Figure 7

[see source for figure]



Program sequence for computing electric motor start-up torque